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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

AYLWARD, DAVID E

ART UNIT	PAPER NUMBER
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1712

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DATE MAILED: 06/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

AS-20

Office Action Summary

Application No. 09/402274	Applicant(s) Watanabe et al.
Examiner Aylward	Group Art Unit 1712

— The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- ☒ Responsive to communication(s) filed on 5/9/03
- ☒ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1, 2, 8, 9, 19-46 is/are pending in the application.
- Of the above claim(s) 8, 9, 19-23, 25-27, 34, 35, 37, 39-45 is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1, 2, 36, 38 and 46 is/are rejected.
- ☒ Claim(s) 24 and 28-33 is/are objected to.
- ☒ Claim(s) 1, 2, 8, 9, 19-46 are subject to restriction or election requirement

Application Papers

- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).
- ☐ All ☐ Some* ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. _____
- ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 18
- ☒ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

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1. The teachings of JP 08-325543, JP '543, received with the IDS filed on April 2003 are more relevant to the instant claims than the references applied in the last Office Action, Paper No. 17, mailed April 22, 2003. Thus the finality of that action is withdrawn and JP '543 is applied in the action that follows.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

3. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 36, 38 and 46 are rejected under 35 U.S.C. § 102(b) as being anticipated by JP '543.

5. The Abstract received with the IDS and the computer translation of JP '543 received from the Japanese Patent Office are used as a guide to the content of this patent. Page and paragraph citations refer to this translation. The Abstract indicates this reference teaches an adhesive used for electrical connection between wires on wiring boards comprising an acrylic adherent component, a reactive component and a polymerization

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initiator which are all the components of the instant claims. Claim 4 on page 1 of this translation indicates that this acrylic component is a copolymer with a molecular weight which meets the molecular weight limitation of the instant claims. Monomers containing hydroxyl groups for inclusion in this copolymer are taught in paragraph [0016]. In paragraph [0033] the reactive component is taught as a compound containing multiple (meth)acryloyl groups. Peroxides are taught as polymerization initiators in paragraphs [0035] and [0036]. Thus the adhesive taught in JP '543 anticipates the circuit connecting material of the instant claims.

5. Applicant is advised that should claim 36 be found allowable, claim 38 will be objected to under 37 CFR 1.75 as being a substantial duplicate thereof. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

6. Claims 24 and 28-33 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten

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in independent form including all of the limitations of the base claim and any intervening claims.

7. Applicant's submission of an Information Disclosure Statement under 37 CFR 1.97(c) with the fee set forth in 37 CFR 1.17(p) on April 2003 prompted the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See M.P.E.P. § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

8. This application contains claims 8, 9, 19-23, 25-27, 34, 35, 37 and 39-45 drawn to an invention non-elected with traverse in Paper No. 12. A complete response to the final rejection must include cancellation of non-elected claims or other appropriate action (37 CFR 1.144) MPEP § 821.01.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mr.

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Aylward whose telephone number is (703) 308-2372. The examiner can normally be reached on Monday through Friday from 7:30 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Dawson, can be reached on (703) 308-2340. The fax phone number for this Group is (703) 872-9310.

Ja

6/6/03



Robert Dawson
Supervisory Patent Examiner
Technology Center 1700